



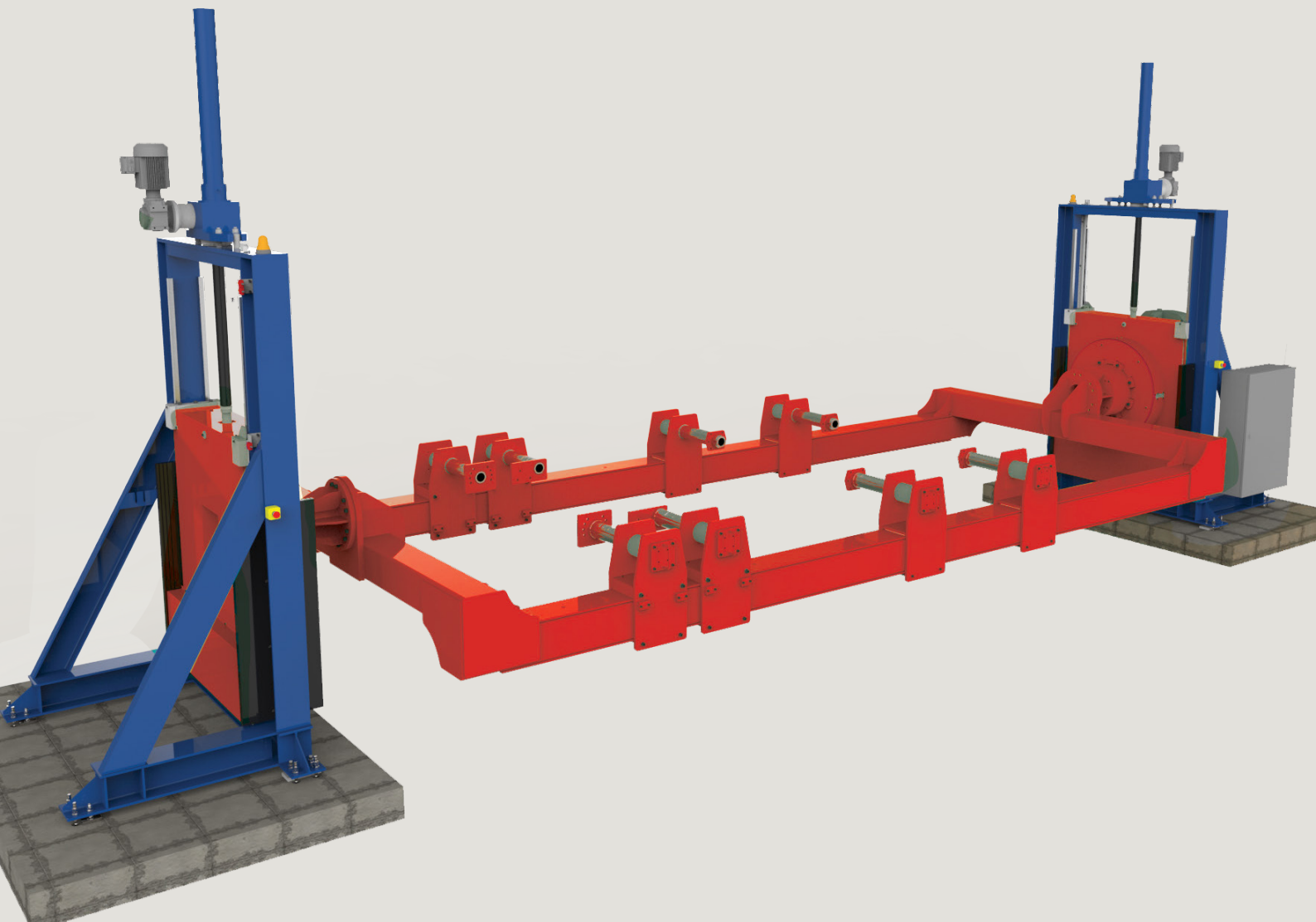
FORDHAN

GSE GROUND SUPPORT EQUIPMENT

**Dedicated Support to Australasia
Defence and Aerospace**

**Proud Member of the Design Support Network for
the Australian Government Department of Defence.**

Jacks and Ground Support Equipment

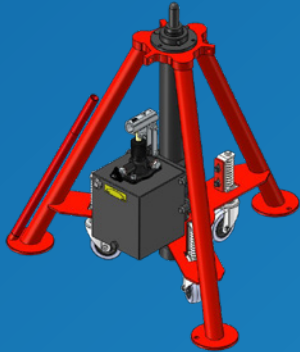


Vehicle Rotator

**Lift and
Rotate units**

MRO rotators for Aerospace and land system applications. From standard weight to large special purpose applications. Lift and rotate adapters and frames for all applications to ensure optimum work height and orientation to comply W.H.S regulations. Through life support for all installations.

Aircraft Jacking Solutions



Light Medium Aircraft

1 to 20 Ton Capacity

Eco Line Jacks

Specifications:

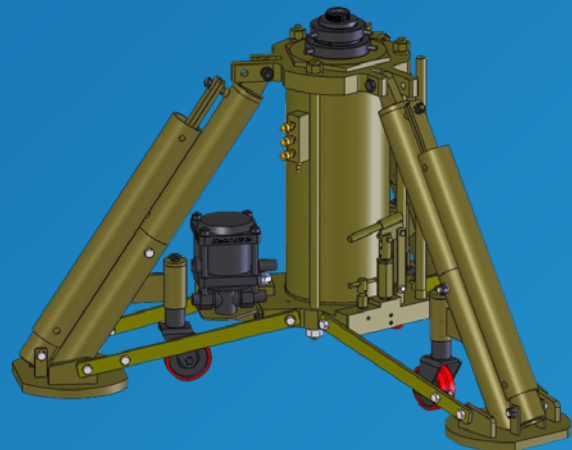
- Light Aircraft Jacks to suit small to medium Aircrafts
- Easy to maneuver around Hangar and Tarmac with spring loaded castor wheels
- Multi stage hydraulic rams available to minimize closed heights
- Mechanical extension screw
- Male or Female jacking point options
- Safety lock nuts on all hydraulic rams

Optional Extras

- Adjustable foot pads for jack leveling
- Mounted level gauges for visual alignment

General Services Available

- Local load testing and certification
- Local servicing and overhaul
- Onsite services
- Spare parts
- Rental options
- Customised solutions and engineering



Large Aircraft + Military Applications

5 to 100 Ton Capacity

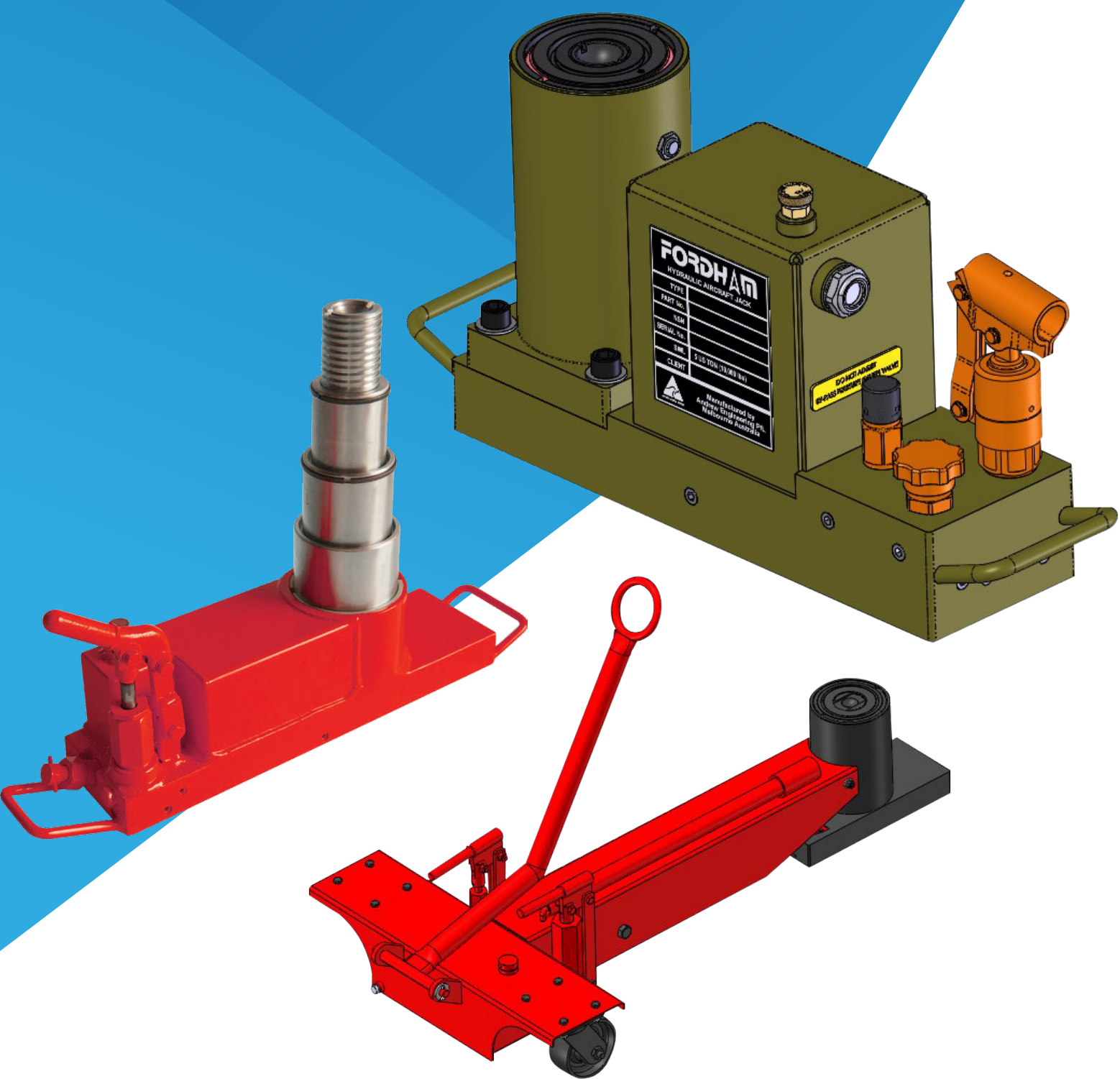
Designed for the R.A.A.F and Larger commercial Airlines

Specifications:

- Heavy duty construction for heavy use and durability
- Easy to maneuver around Hangar and Tarmac with spring loaded castor wheels
- Multi stage hydraulic rams available to minimize closed heights
- Mechanical extension screw
- Male or Female jacking point options
- Safety lock nuts on all hydraulic rams

Optional Extras

- Adjustable foot pads for jack leveling
- Air driven hydraulic pump for automated lifting
- Mounted level gauges for visual alignment
- Central control system compatible for automated lifting and lowering.



Wheel Change & Axle Jacks

**2 to 100
Ton Capacity**

- Wheel Change Jack lifting capacities range from 1 to 20 Ton
- Lightweight for ease of use and transportability
- All lifting cylinder metal work is corrosion resistant
- Axle Jack lifting capacities range from 20 to 100 Ton
- All lifting cylinder metal work is corrosion resistant
- High and low pressure pumps can be fitted
- Air driven hydraulic pumps can be fitted as an optional extra

Jack Deployment Case

The Jack Deployment Case (JDC) was designed and engineered for the purpose of providing a safe and easy way to store and transport aircraft jacks.

It is designed to store 3 x light to medium aircraft jacks. So, if an aircraft must be deployed the key maintenance equipment such as jacks can be safely stowed away and be deployed with the aircraft.

If the jacks must be stowed away for extended periods of time, the jack case lid will prevent water and dust ingress, increasing the longevity of the jack. Also, each JDC assembly is designed to be stacked 2 units high to minimize occupying extra floor space.

Each JDC base plate has forklift tyne pockets in built for ease of movement as well as specific tie down points for road, sea or air transport.

With a complete Aluminium construction, transport weight has been taken into account to reduce freight cost and weight limits on aircraft and vehicles.

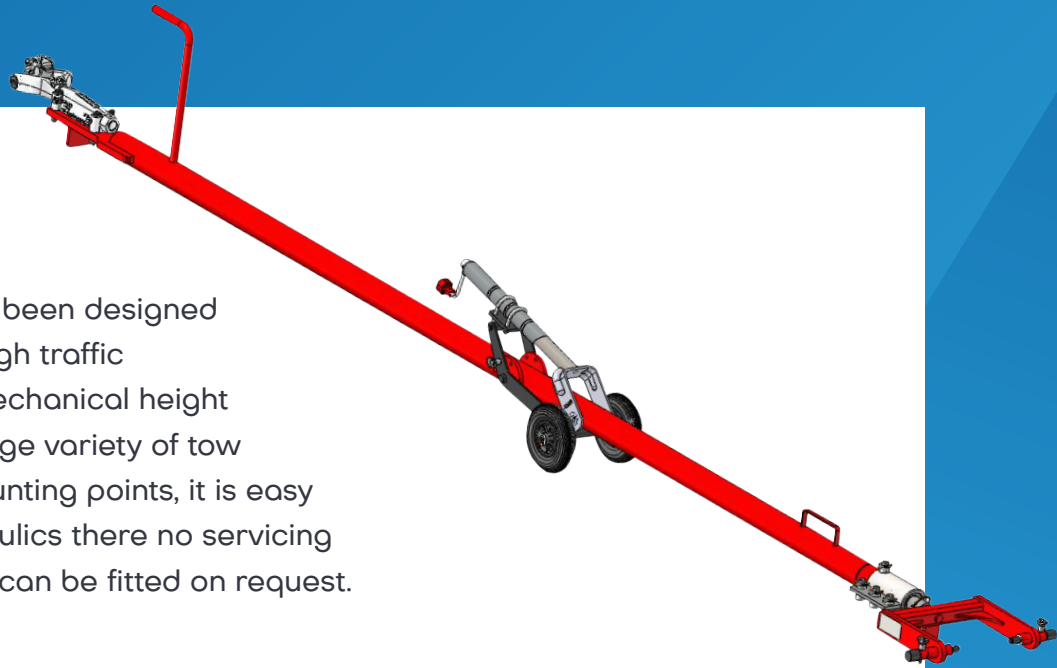


Aircraft Tow Bars

Fordham GSE has designed, engineered and developed 2 variants of the Aircraft Tow Bar.

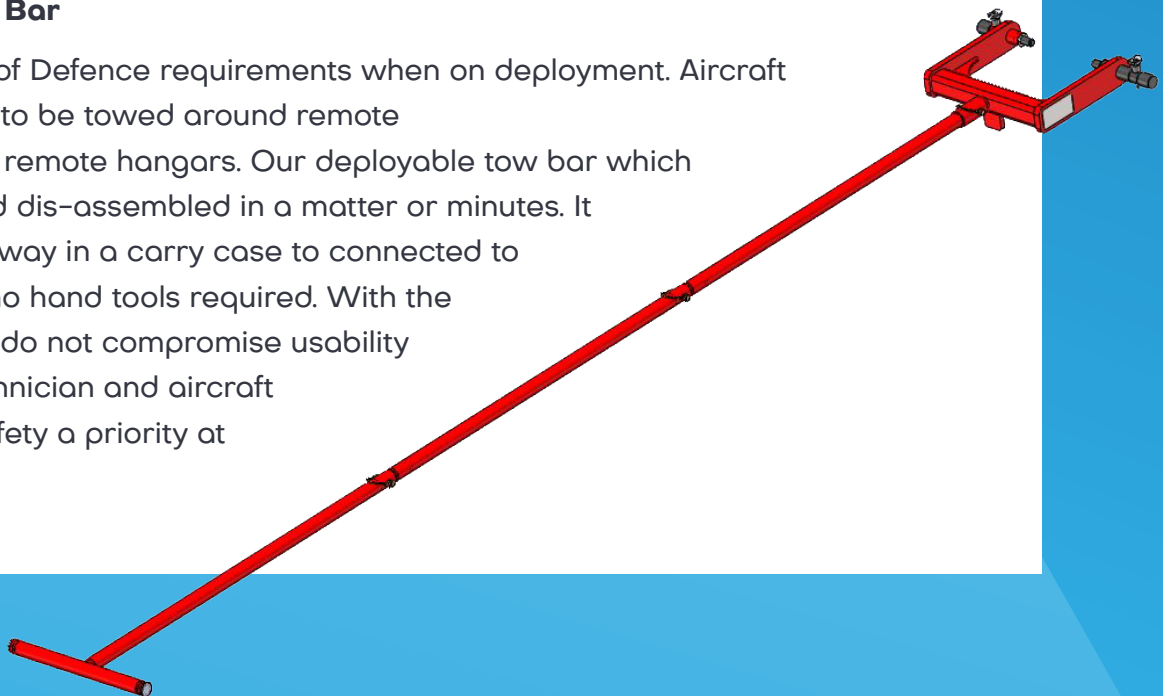
Tarmac Tow Bar

The Tarmac tow bar has been designed and developed for the high traffic commercial use. With mechanical height adjustment to suit the large variety of tow vehicles and aircraft mounting points, it is easy to use and with no hydraulics there no servicing required. Hydraulic units can be fitted on request.



Deployable Tow Bar

For the purpose of Defence requirements when on deployment. Aircraft are still required to be towed around remote airfields and into remote hangars. Our deployable tow bar which is assembled and dis-assembled in a matter of minutes. It can be packed away in a carry case to connected to an aircraft with no hand tools required. With the rigid design, you do not compromise usability between the technician and aircraft while keeping safety a priority at all times.



Aircraft Jack Lifting System

Fordham GSE not only engineers and manufactures single off or pairs of jacks, but we can provide full turnkey heavy maintenance lifting solution. With our Central Control System (CCS) or other wise know as a power pack, you can simultaneously Raise or Lower an aircraft from one single location.

All that is required is an external air supply to feed the CSS. Heavy maintenance jacks are design in the aircraft envelop along with any maintenance platforms that would surround the aircraft ensuring greatest access possible around the aircraft.



Accredited Supplier



BAE SYSTEMS



BOEING



NAVAL GROUP

TESTFLIGHTS
safety in test > safety in flight

RHEINMETALL DEFENCE

LEONARDO

SCHIEBEL



NORTHROP GRUMMAN

About Us

Fordham GSE a company of Andrew Engineering that provides consulting services, authoritative design and manufacturing of; hydraulic jacks, customised lifting equipment, tooling, and innovations of ground support equipment, among other individualised projects. Fordham GSE is an authoritative design provider delivering specialised engineering solutions and services to the defence and aerospace industries of Australasia. Celebrating over 80 years of supplying and manufacturing quality, Australian made and designed, aircraft jacks and ground support equipment.

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